

System of Automatic Control of Productivity
of the Heart, by V. A. Lisohuk,
Ye. G. Miklashevskaya, 9 pp.
RUSSIAN, per, AN URSSR. Nauchnyy Sovet po
Kibernetike, Seminar, Nekotoryye Problemy
Biokibernetiki, Primeneniye Elektroniki v
Biologii i Meditsine, No 1, 1967, pp 80-91.
ATR/FTD/MC-74-291-67

Sci-B&M

Stand for Sampling Matrices of Magnetic
Memory Elements on Thin Film, by V.M. Galanskiy,

7 pp.

RUSSIAN, per, AN USSR. Kiberneticheskaya
Tekhnika, 1965, pp 19-26.

F100109968-V

FTD-MT-24-134-67

Sci/Electronics & Elec Engr
July 68

350,825

Influence of Constant Magnetic Field on
Blood and Central Nervous System of Man and
Animals, by K. A. Ivanov-Murashkiy,

A. I. Lukhachev, 7 pp.

RUSSIAN, par. AN USSR. Nauchnyy Sovet po
Kibernetike, Seminar, Nekotoryye Problemy
Bio kibernetiki, Prikladnye Elektromeditsina i
Biologii i Meditsine, No 1, 1967, pp 92-100.

AIR/P.D/M-24-291-67

Sci-ENM
Jan 69

370,190

Stability of Storing Information in Memory Devices on Solid Thin Ferromagnetic Films, by N. S. Ivanov.
RUSSIAN, per, AN USSR, Nauchnyy Sovet po Kibernetika, Sektsiya Kibernetiki Kdntp.
Seminar Fiziko-Tekhnologicheskoye Voprosy Kibernetiki, No 1, 1965, pp 108-115.
AIR/FTD/HT-23-1616-67

Sci-Electr
Feb 69

374,388

Increase in the Tolerances of the Working
Currents of Magnetic Film Elements of
Memory Devices with Direct Access, by
G. P. Zharikov.

RUSSIAN, per, AN UkrSSR. NSK. Sektsiya
Kibernetiki KDNTF. Seminar Fiziko-Tekh
Voprosy Kibernetiki, No 1, 1966, pp 57-63.
AIR/FTD/HT-23-284-68

Sci-Elec
Apr 69

379,871

equipment for electron-beam welding, by 11 pp.
RUSSIAN, per, AN UKRSSE. Cherukovniye dlya
Elektronoluchevoy Svarki, pp 1-10.
RIT/FTD/IT-24-423-68

sci/physics
July 69

387,319

Mechanism of Resonance Heating of Electrons
in Beam-Plasma Discharge.

By Yu. G. Zalesskiy, N. I. Nazarov

RUSSIAN, per, Akademii Nauk Ukrainskoy

SSR. Ordena Lenina Fiziko-Tekhnicheskii

Institut, No. 148, Kharkov, 1968, pp. 1-10

CIA X-7107

Nov 69

396,101

Ways of Increasing Automatic Programming
Efficiency, by L. N. Ivanenko. 23 pp.
RUSSIAN, IN USSR. Seminar on Algorit-
mic Language Yazyku i Avtomatizatsii Program-
irovaniya. Kiev, 1965, No 1, 1966,
pp 80-99.
AIN/PTD/ II-24-226-68

sci/math sci
feb 69

376,504

Automatic Programming System for the M-20 Computer;
Translator from the Address Language, by
L. P. Babenko & L. I. Dovgopolaya.
RUSSIAN, rpt., AN Ukr SSR "Sistema Avtomaticheskogo
Programirovaniya dlya Mashiny M-20; Translyator
s adresnogo yazyka. Spravochnoye rukovodstvo" Kiev.
Naukova dumka, 1965, 153 pp.
OPTD-MT-24-90-68

Sci/Elec
Apr 68

The question of Electrothermal Treatment of
Steels in Magnetic Fields, by V. N. Grichev, et al.
RUSSIAN, per, Akad Nauk Ukrain SSR Struktura
Metallicheskikh, 1966, pp 17-25.
ONOS-Tr 300

Sci/Materials
Jun 69

384,649

Structural Changes During the Oxidation of
Chromium Vanadium Alloys, by L. N. Kunok,
L. N. Larkov, et al. 4 pp.
RUSSIAN, per, AN UkrSSR. Struktura Metall-
cheskikh Splavov. 1966, pp 99-104.
NTF/FT/MT-23-1259-67 AD 680 774

Sci/Materials
Feb 69

375,478

The Nature of Induced Anisotropy, by A. G. Lesnik,
G. I. Levin, et al. 10 pp.
MOSKVA, URSR, AN UkrSSR. Struktura i svoystva
metallicheskikh Plavok, 1966, p. 26-39.
NIP/PTD/III-23-614-68

sci/ physics
dept 69

391,030

Structure of Polybenzene and Tenosten Films
Obtained by Thermal Decomposition of the
Camphyls in Vacuum, by N. N. Gulyachenko,
A. A. Kozan, et al. 414.
RUSSIAN, rpt, in UKRAINE. Struktura i svoistva
metallicheskikh Plenok, 1966, pp 84-87.
ALY/PHY/TF-23-540-68

sci/ materials
feb 70

492,736

Application of Nuclear Magnetic Resonance and
Infrared Spectroscopy to the Study of the Structure
of Crystal Hydrates of Lanthanum Polyxlate and
Tungstate, by A. B. Golub, K. S. Aganlyazov,
et al. 8 pp.

RUSSIAN, per, AN USSR. Teoreticheskaya i
eksperimental'naya khimiya, Vol 3, no 4, 1967,
pp 494-497.

ADP/ETD/HR-23-1347-68

sci/physics
june 69

382,952

A Contactless Method of Measuring the Temperature
of Moving Bodies Having Small Surfaces, by

G. I. Skripnik. 11 pp.

RUSSIAN, per, in UKRSR. Uchenye Fizicheskiye
Fizicheskiye Svoystva Veshchestv, 1966,

pp 127-136.

HRP/MD/MT-24-443-68

sci/physics

area 50

Transients in the Nonlinear Dynamic System of
a Twin-shaft Gas-turbine Power Plant, by
V. I. Fedorov, A. S. Varamyenko. 10 pp.
RUSSIAN, rpt, AN USSR. Teplokhim v Energet
Ustanovkakh, 1967, pp 39-48.
ATR/PTD/ET-23-58-69

Sci-Energy Conversion
Nov 69

395,902

Model of the Atmosphere and Surface of
Mars from the Hypothesis of Purely Scat-
tering Atmospheres, by V. V. Sharonov.
RUSSIAN, per, AN UkrSSR. Voprosy Astro-
fiziki, 1965, pp 72-78.
AIR/FTD/HT-23-403-68

Sci-Astron
Apr 69

379,796

Toward a Nonlinear Theory of an Interaction of a
Relativistic Beam with Plasma, by
Ya. H. Faynberg and V. D. Shapiro. 13 pp.
RUSSIAN, book, AN UKRSSR, Vzaïnodeystviye Puchkov
Zaryazhennykh Chastits s Plazmoy, 1965,
pp 92-103.
AIR/FTD/HC-23-745-71

Dec 71

Growing of Single Crystals of Silicon Carbide
of Cubic Modification, by N.S. Gaidov,
Kh. A. Shennuratov. 6 pp.
RUSSIAN, rpt, AN UZSSR. Fiziko-Tekhnicheskii
Institut. Fizicheskiye Svoystva Osobo Chistykh
Metallov i Poluprovodnikov. 1966, pp 13-17.
AIR/ETD/IT-23-407-68

sci/physics
may 69

381,199

Influence of Annealing of Silicon in Antimony
Vapor on the Density of Linear Dislocations,
by M. S. Daidov, I. Shukurov. 4 pp.
RUSSIAN, rpt, AN UZSSR, Fiziko-Tekhnicheskii
Institut, Fizicheskiye Svoystva Osobo Chistyykh
Metallov i Poluprovodnikov. 1966, pp. 39-41.
AIR/ETD/IR-23-407-68

sci/physics
may 69

381,200

Special-Purpose Analog Computers Assembled From
Standard Modules, by V. I. Ogurtsov.
RUSSIAN, per, AN UzSSR. Institut Kibernetiki i
Vychislitel'nyy Tsentr. Voprosy Kibernetiki i
Vychislitel'noy Matematiki, No 2, 1966, pp 27-
37. AD 679 521
AIR/FTD/IT-23-143-68

Sci-Elec
Feb 69

372,963

Distribution Characteristics of Ixodid Ticks in
Uzbekistan. In: Gan, E.I., ED. Useful and
Destructive Invertebrate Animals in Uzbekistan, by
T. E. Kuklina.

RUSSIAN, ~~by~~ Tashkent, Akad Nauk Uzbek Inst Zool
Parazit, 1967, pp 108-112.

HEW NIT

9-32-69

ON LOAN ONLY

Nov 69

397,172

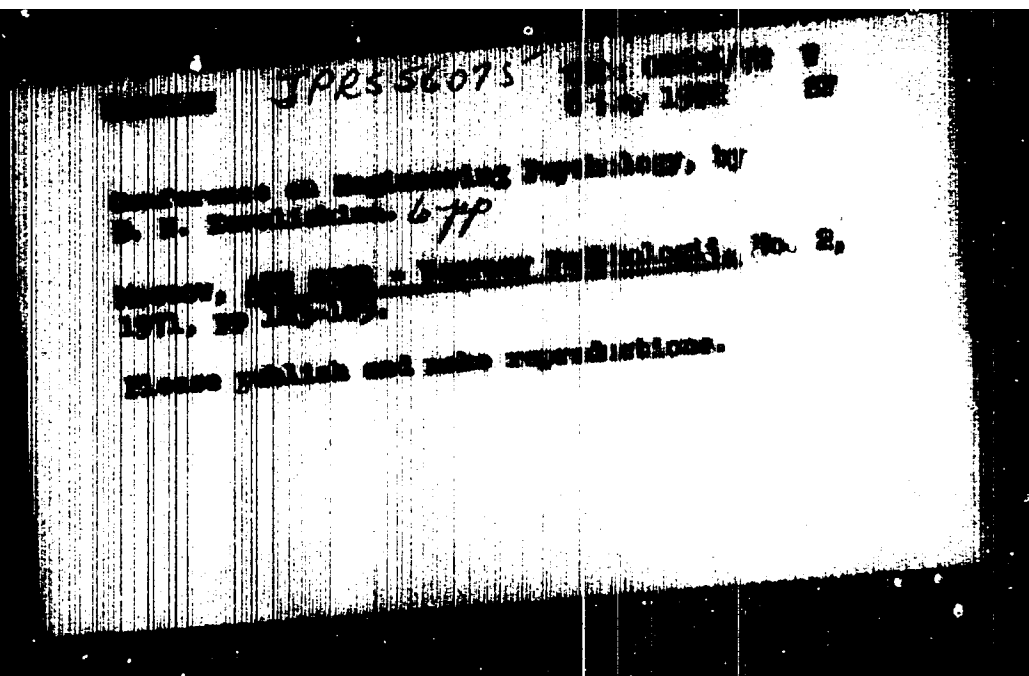
Khamudkhanov, M.

Determination of the transfer function and calculation
of error of a coordinate.

AK NAUK UZSSR SERIYA TEKHNICHESKIH NAUK, Vol 14, No 5,

1970

*FSTC-HT-23-0655-72



The Principles of an Active Operator and the
Functional Distribution Between Man and Machine,
by E. D. Zavalova, B. P. Lomov, 13 pp.
RUSSIAN, per. Academy of Pedagogical Sciences
USSR, Voprosy Psichologii, Moscow, No 3, 1971,
pp 3-12.
JPRS 56297

July 72

222656,357
 1972 OCT 17/12 W
 11 MAY 1972 20

1. Psychological Study of Man-Machine
Interaction, by E. A. Berman.
2. Psychology of Personality in the
1972 International Psychological Congress, by
E. A. Berman.
3. Abstracts of the Society of Psychologists
1972.

Source: Psychological Bulletin, No. 5, 1972,
 pp. 150-151, 152-153, 154-155. 80 pp.

Please publish.

Human Acclimatization in the Polar Regions, 204 pp.
RUSSIAN, per. Akklimatizatsiya Cheloveka v
Usloviyakh Polyarnykh Rayonov, Leningrad, 1969.
JPRS 56252

June 72

Acclimatization and Training of Athletes in
a Mountainous Area, by A. D. Bernshteyn, et
al., 177 pp.
RUSSIAN, bk, Adaklimatizatsiya i trenirovka
sportasmenov v gornoy mestnosti, 1965, 143 pp.
JPRS 32290

USSR
Sci-B/M
Oct 65

290,500

Storage Batteries, 236 pp.
RUSSIAN, rpt. Akkumulyatornyye Batere,
ACSI-K-0342
FSTC-HT-23-1048-71

Oct 71

J
Axial-Piston Regulation of Hydraulic Drives, by
V. N. Prokof'yev, Yu. A. Danilov, et al. 657 pp.
RUSSIAN, bk, Aksial'no-Porshnevoy Reguliruyemyy
Gidropriwod, 1969, Moscow, Izd-vo Mashinostroyeniye,
pp 1-495.
AIR/FTD-MT-24-268-71

Oct 71

Actinometry and Atmospheric Optics, by V. K. Lyidman,
379 pp.
RUSSIAN, bk, Actinometriya i Atmosfernaya Optika, 1965.
EHS TP 70-5019

Jan 72

Activation Analysis, by R. A. Kuznetsov.
RUSSIAN, bk, Aktivatsionnyi Analiz, 1967.
Plenum Press

Sci/Misc
May 66

356,619

Trukhanov, K. A.

Active shielding of spacecraft. 271 pp.

AKTIVNAYA ZASHCHITA KOSMICHESKIK KORABLEY, 1970, pp 1-231

AIR/FTD-HC-33-719-71

Patyashin, I. B.

The activity of a source of articulation.

AKTIVNOSTI ISTOCHNIKA RECHEVYKE SOOBSHCHENIY, 1970,

pp 495-499

NASA TT F 13,976

Cloud Modifications During the Cold Months, by
M. P. Lennov.

RUSSIAN, bk, Aktivnye Vozdeistviya Na Oblaka V
Kholodnoe Polugodiye, 1967, 152 pp.

RUSSII TI 70-57253

Sci/Atmos

Sept 70

ACTIVE EFFECTS AND RADAR INVESTIGATIONS

BYKROVA, M.

LANGUAGE- RU COUNTRY- UR

AKTIVNYYE VOZDEYSTVIYA I RADIOLOKATSIONNYYE I
SSLEDOVANIYA

MOSCOW, GIDROMETEODIZAT, MOSCOW DIV., TRANSACT
ION ISSUE 103, 1971, 144 PP

FSTC-HI-23-1180-73

REQ TR CHECK

1-02-73

T095

ACTIVE SHIELDING OF SPACECRAFT (REFERENCE
LISTS ONLY)TRUKHANOV, K A; RYABOVA, T YA; MONOZOV, B KH
UR: AKTIVNAYA ZASHCHITA KOSMICHESKIKH KORABLE
1970, pp. 11; 30; 31; 61; 62; 110; 150; 165; 193; 225;
269*Process in as*

H573-23-0095

Current Problems in Physiology of Labor, by
N. I. Vinogradov. 22 pp.
RUSSIAN, rpt, Aktual'nyye Problemy Fiziologii
Truda, 1967, pp 1-33.
ATR/TID/MT-24-380-67

sci/behavioral and social sci.
MAR 69

377,885

Study of the Gas Emission of a Number of Polymers
During Their Prolonged Storage, by
A. I. Gorshakova, B.I. Chukhno, 7 pp.
RUSSIAN, per. Aktual'nye Voprosy Kosmicheskoy
Ekologii i Meditsiny. Moscow, 1971, pp 89-93.
JPRS 56499

July 72

Constructing Medical Monitoring Equipment for
Transmitting Data Through a Communication Channel
with Limited Capacity, by V. I. Kosharinov,
M. V. Rozov, 5 pp.
Sbornik, per. Aleksandra Vasilyevich Kosicheskoy
Meditsina i Meditsina, Moscow, 1971, pp 156-160.
JPRS 55499

July 72

Study of Volatile Substances Released by Polymers
Based on Polyethylene Halogen Derivatives, by
Ye. V. Kolobina, V. D. Yablochkin, 5 pp.
RUSSIAN, per. Aktual'nyye Voprosy Kosmicheskoy
Biologii i Meditsiny, Moscow, 1971, pp 166-169.
JPRS 56499

July 72

Study of Volatile Substances Released by Polymer
Construction Materials, by V. D. Yablochkin,
V. A. Shchirakaya, 6 pp.
RUSKIAN, ser. Aktual'nye Voprosy Kosmicheskoy
Biologii i Meditsiny, Moscow, 1971, pp 201-305.
JPRS 36459

July 72

Comparative Characteristics of Morphological
Changes in the Kidneys of Rats During Multihour
Exposure to Transverse and Longitudinal
Accelerations with an Intensity of Four G, by
A. S. Pankova. 5 pp.
RUSSIAN, per. Aktual'nye Voprosy Kosmicheskoy
Meditsiny. Moscow, 1971, pp 215-219.
JPRS 56499

July 72

Investigation of Volatile Substances Released by
Polymer Construction Materials, by
V. D. Tshloshkin, A. M. Popov, 7 pp.
RUSSIAN, per. Aktual'nye Voprosy Kosmicheskoy
Eksploatatsii i Meditsiny, Moscow, 1971, pp 294-299.
JPRS 10499

July 72

Angioma of the Uterus, by M. G. Zholnerovskii,
5 PP.
RUSSIAN, per, Akush. Ginek. Moscow, Vol 41,
Sept-Oct 1965, PP 120-122.
Dept of Navy/NMB 1279

Sci-B&M
Sept 68

365,934

Excretion of Estrogens in Women Suffering
From Infectious Hepatitis, by L. A. Yatsenko.
RUSSIAN, per, Akusherstvo i Ginekologiya, Vol 42,
No 8, 1966, pp 12-17.
NTC-71-15662-06P

Feb 72

On a Method for Synchronous Recording
of the Electrocardiogram, Phonocardiogram,
and Motor Activity of the Fetus, by

A. D. Borin.

RUSSIAN, per, Akusherstvo i Ginekologiya,
Vol 47, No 9, 1966, pp 20-22.

PTC 77-10660-063

Apr 72

Akusherstvo i Ginekologiya

1967 V 43, No 10 (Editorial) nto 70-16684-06E

ACOUSTICAL DIAGNOSTICS OF MECHANISMS

PAVLOV B. V.

AKUSTICHESKAYA DIAGNOSTIKA MEKHAНИЗМОВ

«МАШИНОСТРОЕНИЕ» MOSCOW 1971 224 PP

ESTC-RT-23- 1969-72

Acoustic Methods of Studying Polymers, by
I. I. Perepechko.
RUSSIAN, bk, Akusticheskie Metody Issledovaniya Polimerov
1973.
*IPST

Nov 72

Akusticheskiy Zhurnal, Vol 11, No 1, Jan-Mar 1966 -
Vol 12, No 4, Oct-Dec 1966.

Cover-to-Cover by The American Institute of Physics

Available at LY Serials

All-Union Conference on Noise and Vibration
Abatement Using Structural Acoustics Meth-
ods, by V. I. Zaborov.
RUSSIAN, per, Akusticheskiy Zhurnal, Vol
15, No 1, 1967, pp 151-154.
Dept of Navy NHC No 2845

Sci-Phys
July 69

385,294

Effects of the Flight Speed of
Passenger Aircraft on Flight Noise
and of the Noise Duration on Subjec-
tive Estimates of Noise Intensity,
by G. I. Gubkina, B. N. Mel'nikov.
RUSSIAN, per, Akusticheskiy Zhurnal,
Vol 13, No 4, 1967, pp 562-566.
NASA TT F-11,741

Sci/Aero
Oct 68

369,017

The use of an electrokinetic target to
receive an ultrasonic image.

By V. G. Prokhorov

RUSSIAN, per, Akusticheskii Zhurnal,
1968, Vol 14 No 1 pp. 139-141.

CE-Tr-5109

ETC-69-29992

Nov 69

394,419

Akusticheskiy Zhurnal, Vol 14, No 3, July-Sept 1968 -
Vol 16, No 1, Jan-March 1970.

Cover-to-Cover by The American Institute of Physics

Available by Serials

Dubrovskiy, N. A.

Emission of ultrasound echolocating signals by common
porpoise. 7 pp.

AKUSTICHESKIY ZHURNAL, Vol 16, No 4, 1970, pp 521-525

JPRS 52291

Acoustic Field of an Oscillating Circular Cylindrical Transducer Partially Covered by a Layer of Sound-Soft Material, by I. V. Vovk, V. T. Grinchenko, 7 pp.
RUSSIAN, see: Akusticheskiy Zhurnal, Moscow, Vol 18, No 3, 1972, pp 365-369.
JPRS 57367

Oct 72

Action of Supersonic Oscillations on Diffusion
Processes in Liquids, by A. V. Kortnev,
T. V. Makarova.
RUSSIAN, per, Akustika i Ultrazvuk, No 1,
1966, pp 28-41.
RTC-69-15944-20D

Sci-Phys
Feb 70

402,980

Yorimichov, I. N.

Weak harmonic-signal detection in Gaussian narrow-band noise using the statistics of intervals between zeroes.

8 pp.

AKUSTIKA I UL'TRAZVUKOVAYA TEKHNIKA, No 6, 1970,

pp 55-60

AIR/FTD-HT-23-894-72

Alpha--a System of Automatic Programming, by
A. P. Ershov. 264 p.
RUSSIAN, bk, Al'fa-sistema Avtomatizatsii
Programirovaniia, 1965.
*Reel LT-66-5

Sci/Data & Data Processing
Box 66

*Alphabetical listing of ports, landings, and stopping
points of river transportation steamship lines. 8 pp*
ALFAVIT PORTOV, PRISTANEI I OSTAHOVOCHNYKH PUNKTOV
PAROKHODSTV RECHNOGO TRANSPORTA, 1971, pp 4-8
DIA LN 557-72

Algebra of Conflict, by V. A. Lefevr,
60 pp.
RUSSIAN, bk, Algebra Konflikt, Moscow,
1968, 64 pp.
JPRS 52700

Sci/Cyber
Apr 71

Ranks of Configurations of Context-Free
Languages, by V. D. Luchkin. 15 pp.
RUSSIAN, per, Algebra i Logika. Seminar, Vol 5,
No 3, 1966, pp 59-70.
AIR/FTD-HT-23-119-71

Aug 71

ALGEBRA I LOGIKA
(Algebra and Logic - bimonthly)
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Order from: Plenum Publishing Corporation
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New York, N.Y. 10011

1971: \$ 85.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on overseas subscription

Russ.

Algebra, Topology, Geometry.
RUSSIAN, bk. Algebra, Topologiya, Geometriya,
1967, 1968.
Plenum Press

Sci/Math
June 68

359,344

Algebra, Topology, and Geometry.
RUSKIN, R., Algebra, Topology, Geometry.
1968, 1969.
CONFIDENTIAL BUREAU/PLANNING

sci/math
june 69

384,202

Algebra, Topology, and Geometry, 1969. approx 294 pp
ALGEBRA, TOPOLOGIYA, GEOMETRIYA, 1970.
PLENUM PRESS

13-8-7
13-8-7

13-8-7

3870-1538

Algorithm in optimum aircraft design

Tarasov, Ye. V.

Klass mon: Algoritm optimal'nogo proyektirovaniya
letatel'nogo apparata, 1970, 363 pgs.

JTD

*HC-23-591-70

NEGATIVE - BY PHONE 20 AUG 70

P. Ye. Mel'nikov

Algorithm for calculating satellite attitude.
Gravitational constant values.

ALGORITHM FOR CALCULATING SATELLITE ATTITUDE. ZNACHENIYA
GRAVITATSIONNOY KONSTANTY. 1978, 11 pp.
12.000

Chapter III. Translation of Programs From
Algol-60 Language into Languages of
Electronic Computers Experiment of Using
Translator TA-2, by P. R. Sosis. 19 p.
RUSSIAN, bk, Algoritmicheskiy Yazyk
Algol-60 i Primeneniye Yego v Stroitel'noy
Mekhanike, Kiev 1965, pp 112-113. 9790265
FTI-TT-66-23

Sci/Data Processing,
May 66

209-479
209-526

Algorithmic Machine-Oriented Language, by
S. B. Kargin, Ye. Z. Izrael'skiy. 11 p.
RUSSIAN, per, Algoritmy i Algoritmicheskiye
Yazyki, No 1, 1967, pp 3-14.
NTI/PA/PA-23-100-69

sci/electronic:
feb 70

400,997

Description of the Algans Language, 10 pp.
RUSSIAN, per, Algoritmy i Algoritmicheskiye
Yazyki, No 3, 1967, pp 3-13, & 50.
ATR/FTD/FT-23-192-69

sci/mathematics
Feb 70

401,124

Algorithms and programs for problems in pattern recognition, No 1, 240 pp approx.
RUSSIAN, bk, Algoritmy i programy dlya zadach raspoznavaniya. Vyp. 1. 1972.
Plenum Publishing

june 71

The Mils Compiling System for Using the Standard
Routine Library fro the Minsk-2 Computer, by
P. Kh. Bymev, D. I. Toahkov. 4 pp.
RUSSIAN, Algoritmy. Institut Maszyn Matematy-
cznych, Vol 4, No 7, 1967, pp 131-134
AIR/FTD/MT-24-165-69

sci/electronics
dec 69

397,430

Algorithms for the Synthesis of Discrete Automata,
by A. D. Zakrevskiy. approx 400 pp.
RUSSIAN, bk. Algoritmy Sintaza Diskretnykh Avtomatov.
1971.
Plenum press Consultants bureau

sci/a ug 70

Alkylation, by V. A. Sidorov. approx 320 pp.
RUSSIAN, bk. Alkilirovaniia, 1971.
Consultants Bureau/Plenum Press

sci/b and m
nov 70

Fourier Analysis and Compensation of Wobbling
Errors of Semikinematic Theodolite Axes,
by T. Farbas.
RUSSIAN, per. Allgem.-Vermess.-Nachricht., No 10,
1968, pp 483-491.
ACIC TC-1608

Sci/Ear
Mar 70

404,189

Alloplastics, by A. G. Zubanov
RUSSIAN, bk, Alloplastika, 1965, 215 pp.
NLL R-38555

Sci-B&M
May 66

300,369

Opening of the Plenum, by B. V. Petrovskiy.
6 pp.
RUSSIAN, mono. Allonlastika v Khirurgii i
Traumatologii. 1965. pp 5-9.
JPRS 43004

Sed.-B and M
Oct 67

343,601

Alloplastic Surgery, by B. V. Petrovaldy. 15 pp.
RUSSIAN, mono. Alloplastika v Khirurgii i
Traumatologii. 1965. pp 9-18.
JPRS 43004

Sed-B and H
Oct. 67

343,602

Alloplasty in Traumatology and Orthopedics.
by M. V. Volkov, 15 pp.
RUSSIAN, memo. Alloplastika v Khirurgii i
Traumatologii. 1965. pp 19-29.
JPRS 43004

Sci-B and M
Oct 67

343,603

Our Experience in Using Synthetic Polymers
in Surgery, by O. P. Chudarynsko, 17 pp.
RUSSIAN, mono, Allonlastik y. Polimerich.
Travmatologii. 1965, pp 40-53.
JPRES 43004

Sci-B and M
Oct 67

343,604

State and Prospects of Using Contemporary
Alloplastic Materials in Surgery. by M. G.
Anan'yev, A. M. Geselevich, 7 pp.
RUSSIAN, mono, Alloplastika v Khirurgii i
Dermatologii, 1965, pp 36-61.
JPRS 43004

Sci.-B and M
Oct 67

343.605

Aerodynamic Investigation of Turbulent Flame,
Developing, in a Finite Coaxial Wake Jet, by
Sh. A. Marshin, V. O. Voychak. 17 pp.

FOR OFFICIAL USE ONLY

RUSSIAN, per, Alma-Ata Kazakhskiy Nauchno-Issle-
dovatel'skiy Institut Energetiki. Problemy Teplo-
energetiki i Prikladnoy Teplofiziki, No 4, 1967,
pp 228-239.

AIR/PTD/ R-24-451-68

sci/physics
july 69

384,221

Layered Steel, 10 pp.
RUSSIAN, pp., Alektaya Stal'.
ACSI K-7002
FSTC-RT-76-223-70

Feb 72

Aluminum Alloy Research in the USSR, by I. N.
Fridlyander, 430 pp.
RUSSIAN, bk, Alyuminiyevyye Splavy, Vypusk 4,
Zharoprochnyye i Vysokoprochnyye Splavy, No 4,
1966, pp 3-352.
JPRS 37845

Sci - Materials

311,388

Effect of Prolonged Heating on the Mechanical
Properties of Sintered Aluminum Powder, by
M. G. Stepanova, Ye. N. Zaitetskaya, et al. 11 pp.
RUSSIAN, rpt., Aluminiyevyye Splavy. Vypusk 5,
Konstruktivnyye Splavy. Sbornik Statey, 1967,
pp 208-217.
AD/359/15-23-1344-68

Sci/ Materials
oct 69

395,263

The Manufacture of Clad Sheets of VAD23 Alloy,
by Yu. N. Ponagaybo, 6 pp.
RUSSIAN, per, Alyuminiyevyye Splavy. No 5.
1968, pp 165-169.
AIR/FTD-HT-23-826-70

Jun 71

Investigation of Wear Resistance of Aluminum
Alloys V95, VAl23, and D16, by O. Ye. Kostner,
S. I. Lektarova, et al. 6 pp.
RUSSIAN, per, Alyuminiyevyye Splavy, No 5, 1968
pp 176-180.
RTR/TD/ U-24-282-69

sci/materials
apr 70

406,621

The Effect of Cold Deformation on the
Properties and Structure of Sheets of
Sintered Aluminum Powder (SAP), by
A. A. Vorob'yev, B. I. Matveyev, et al. 6 pp.
RUSSIAN, rpt, Aluminiyevyye Splavy. Vypusk 5
Konstruktivnyye Splavy. Sbornik Statey,
1968, pp 217-222.
AIR/FTD/HT-23-1345-68

sci/ materials
oct 69

394,245

The effect of a plating layer on the Corrosion
Stability of Sintered Aluminum Powder (APP), by
V. S. Korotkova, A. B. Kireyeva, et al. 3 p.
RUSSIAN, rpt, Aluminiyevyye Slavy. Vopr. 5,
 Konstruktsionnyye Slavy. Zhornik Statey, 1968,
pp 223-225.
AD/PTR/P-23-1349-68

Sci/ Material:
Oct 69

395,367

Powder Alloys of Aluminum with Slightly Soluble
additives, by L. A. Fridlyander, L. T. Stepanova,
et al. 5 pp.

RUSLEN, rpt, Alyuminiyevyye Splavy. Vyusk 5,
Konstruktivnyye Splavy. Sbornik Statey, 1968,
pp 226-230.

AIU/AMU/AM-23-1350-68

sci/ materials
oct 69

395,395

The Increase in the Strength of Pressed Semi-
Finished Blended Blasting Powder (BAP)
Products, by N. N. Borzunov, I. G. Vlasova,
et al. 8 pp.
Mikheev, Rpt, Aluminatnyye Blaw. Vypusk 5
konstruktivnyye Blaw. Seriya Blaw, 1968,
pp 251-256.
AIR/PA/44-23-1351-08

sci/technical
oct 69

394,191

The Preparation of Shop Components Directly
from Aluminum Powders of Grades AP-3 and AP-4,
by V. A. Chupriyenko, Yu. I. Shalyan, et al.

6 pp.
RUSSIAN, rpt., Aluminiyevyye Splavy. Vypusk 5,
konstruktsionnyye Splavy. Sbornik Statey, 1967,
pp 249-254.

RU/PA/44-23-1353-68

sci/ materials
oct 69

394,325
~~384,295~~

Aluminum Alloys (Collection of Articles). 242 pp.
RUSSIAN, bk, Aluminiyevyye Splavy, No 6, 1969,
pp 1-180.
AIR/PTD/MT-23-47-70

Sci-Mat
Nov 70

Yu. Ya. Zil'berg

Aluminum alloys in tractor construction. 183 pp.

ALYUMINIYEVYYE SPLAVY V TRAKTOROSTROYENII, 1971,
pp 1-151

AIR/FTD-HC-23-765-72

mar 73

Analit
&
Analit

Filed as one, go to next word

Analytical and Numerical Methods of Celestial
Mechanics, by G.A. Chebotarev, 282 pp.
RUSSIAN, bk, Analiticheskiye i Chislennyye
Metody Nebesnoy Mekhaniki. 1965, pp 1-367.
AIR/ITD/IT-23-391-68

sci/astronomy
May 69

380,160

Analysis of Information Systems on the Basis of
Automatic Control Theory.
RUSSIAN, rpt, Analiz Informatsionnykh Sistem Na
Osnove Teoriy Avtomaticheskogo Upravleniya, 1969,
pp 29-34.

ACSI J-9458

FSTC-HT-23-467-71

May 71